



Revision number:

Purchasing Agent: DEBBIE GUNDERSEN

**Item: CRASH ATTENUATORS, END SECTIONS & ROAD SAFETY ITEMS
INCLUDING EMERGENCY REPAIRS**

Vendor: 25539H UNIVERSAL INDUSTRIAL SALES INC.
P.O. BOX 699
PLEASANT GROVE UT 84062-0699

Internet Homepage:

Telephone: (801) 785-0505

Fax number: (801) 785-1710

Contact: MARTIN SNOW or DALAINE DENSLEY

Email address: usales4098@aol.com

Brand/trade name: VARIOUS

Price: SEE ATTACHED PRICE LIST

Terms: NET 30

Effective dates: 07/10/00 through 07/10/01

Days required for delivery: 14 DAYS

Price guarantee period: 1 YEAR

Minimum order: NONE

Min shipment without charges: N/A

Other conditions: 3 (1) YEAR RENEWAL OPTIONS

THIS IS A NEW CONTRACT. - ALSO REFER TO PD1199

This contract covers only those items listed in the price schedule. It is the responsibility of the agency to ensure that other items purchased are invoiced separately. State agencies will place orders directly with the vendor (creating a PG in Finet) and make payments for the same on a PV referencing the original PG. Agencies will return to the vendor any invoice which reflects incorrect pricing.

**1- TYPE C ATTENUATOR - BREAKMASTER 350 SYSTEM****PARTS LIST**

DESCRIPTION	FOB LONDON, UT /SLC, UT	FOB ANYWHERE IN UTAH
8 X 6 X 3/16 X 6'-6" SOIL TUBE	\$ 60.00	\$ 64.80
14 1/4" X 7'-6" ANCHOR STRAP ASSEMBLY	\$ 87.50	\$ 94.50
TS 7 X5 X 1/4 X 1'-0 1/2" W/1/2" PL ANCHOR PLUG	\$ 40.00	\$ 43.20
TS 7 X5 X 1/4 X 1'-4" FND TUBE ANCHOR ADAPTER	\$ 75.00	\$ 81.00
BREAKAWAY ARM	\$ 37.50	\$ 40.50
CABLE BRAKE ASSEMBLY	\$1,500.00	\$1,620.00
6'-6 1/2" BRAKE / TENSION SUPPORT UNIT	\$ 487.50	\$ 526.50
1'-10 1/2" DIAPHRAGM	\$ 56.25	\$ 60.75
1/4 X 5 X 7'-0 1/4" TRANSITION STRAPS	\$ 43.75	\$ 47.25
1/4 X 5 X 3'-6" SOLID TRANSITION STRAPS	\$ 18.75	\$ 20.25
4 1/2" X 3'-3 1/2" LAMINATED TRANSITION STRAP	\$ 25.00	\$ 27.00
5/8" GUARDRAIL NUT	\$.21	\$.23
5/8" USS FLAT WASHER	\$.08	\$.10
5/8 X 2 A307 HEX BOLT	\$.23	\$.25
7/8 X 28" A193 ALL THREAD ROD	\$ 6.25	\$ 6.75
7/8" A563 HEX NUT	\$.75	\$.81
7/8" F844 FLAT WASHER	\$.31	\$.34
5/8" X 10" A325 HEX BOLT	\$ 3.13	\$ 3.38
12/6'-9 1/2" BRAKEMASTER 350 PANEL	\$ 37.50	\$.81
14 GA. X 16" X 5'-8 3/4" NOSE PIECE	\$ 22.50	\$ 24.30

BRAKEMASTER 350 COMPLETE (TYPE C ATTENUATORS)

FREIGHT CHARGES: SALT LAKE CITY, UT \$2,350.00 ANYWHERE IN UT \$2,500.00



SHIPPING POINT AND ZIP CODE: LINDON, UT 84042
SHIPPING WEIGHT: 2,025 LBS.

OR CONTACT DAN REISNER @ (801) 538-3216 FOR STATE FREIGHT RATES.

A. EQUIPMENT REQUIRED FOR REPAIR:

1. INSTALLATION MANUAL
2. INSTALLATION PLANS (PRINTS) FOR THIS TYPE OF UNIT
3. CRESCENT WRENCHES (TWO 300 MM (12"))
4. PIPE WRENCHES (TWO 600 MM (24"))
5. ½" OR ¾" DRIVE RATCHETS WITH EXTENSION, 15/16", 1 1/3", 1 3/8", AND 1
6. 7/16" DEEP SOCKETS.
7. 15/16" AND 1 3/8" COMBINATION WRENCHES
8. DRIFT PIN (TO ALIGN HOLES)
9. BOOM OR FORKLIFT WITH MINIMUM 700 KG (1500 LB.) CAPACITY
10. (RECOMMENDED FOR HANDLING PACKAGED UNIT AND FOR POSITIONING
11. THE BRAKE TENSION SUPPORT).
12. GAS WELDER WITH CUTTING TORCH (RECOMMENDED IF TRANSITION
13. MODIFICATIONS ARE RQUIRED.)
14. 15,000 MM (50 FT.) TAPE MEASURE.
15. GENERATOR
16. TRAFFIC CONTROL EQUIPMENT
17. DRILL MOTOR WITH 50 MM (2") DIAMETER WOOD AUGER BIT AND 11/16" DRILL BIT.
18. DRILLING RIG WITH 200 MM (8") (FOR DRIVING TUBE ANCHOR) OR 600 MM (2') (FOR EMBEDDED ANCHOR) DIA. AUGER FOR 1500 MM (5') DEEP HOLE.
19. GLOVES
20. CHALK LINE
21. SAFETY GLASSES
22. BUBBLE LEVEL



23. 24" CARPENTERS' LEVEL

NOTE: THE ABOVE LIST OF TOOLS IS A GENERAL RECOMMENDATION BY ENERGY ABSORPTION SYSTEMS, INC. DEPENDING ON SPECIFIC SITE CONDITIONS AND TYPE OF SYSTEM BEING INSTALLED MORE OR FEWER TOOLS MAY BE REQUIRED.

- B. REPAIR TIME: FOR COMPLETE INSTALLATION, ESTIMATED 6 HOURS.
- C. NUMBER OF WORKERS REQUIRED FOR REPAIR: TWO
- D. ACTUAL REPAIR COST TO STATE: \$3,500.00
- E. REPAIRS WILL START WITHIN 48 HOURS OF REQUEST.

2- TYPE G END SECTION - SKT 350 END SECTIONS

PARTS LIST

DESCRIPTION	FOB LINDON, UT /SLC, UT	FOB ANYWHERE IN UTAH
3/4" X 6'-6" REST CABLE 2 STUDS	\$ 27.77	\$ 30.00
2" PIPE X 5 1/2" CABLE SLEEVE	\$ 1.14	\$ 1.23
2 1/2" X 2 1/2" X 5'-8" 1/4" T.S. STRUT AND YOKE	\$ 13.75	\$ 14.85
5/8" X 8" X 8" BEARING PLATE W/ 1 1/16" OFFSET HOLE	\$ 10.34	\$ 11.17
8" X 6" X 3/16" X 6'-0" SOIL TUBE	\$ 55.09	\$ 59.50
SKT 350 IMPACT HEAD	\$ 535.00	\$ 575.00
1/4" SLOTTED CABLE BRACKET	\$ 35.00	\$ 37.80
5/8" x 1 1/4" GUARDRAIL BOLT	\$.16	\$.18
5/8" X 10" GUARDRAIL BOLT	\$.61	\$.66
5/8" X 18" GUARDRAIL BOLT	\$.94	\$ 1.02
5/8" GUARDRAIL NUT	\$.21	\$.23
1/2" A325 FLAT WASHER	\$.05	\$.06
1/2" A325 NUT	\$.13	\$.15
1" A325 NUT	\$.38	\$.42



5/8" USS FLAT WASHER	\$.08	\$.10
5/8" A325 FLAT WASHER	\$.13	\$.15
1" A325 FLAT WASHER	\$.20	\$.22
5/8" X 7 1/2" A307 HEX BOLT	\$.54	\$.58
5/8" X 10" A307 HEX BOLT	\$.79	\$.85
3/8" X 3" LAG SCREW	\$.13	\$.15
1/2" X 1 1/4" A325 SPECIAL SHOULDER BOLT – 8 EA PER SET	\$ 1.70	\$ 1.90
12/12'-6"/6'-3" STD PANEL	\$ 30.88	\$ 33.35
12/12'-6"/6'-3" SKT 350 ANCHOR PANEL	\$ 35.88	\$ 38.75
18" X 18" (BLACK & YELLOW) HIGH INTENSITY REFLECTIVE SHEETING	\$ 17.50	\$ 18.90
5 1/2" X 7 1/2" X 3'-9" SOUTHERN PINE WOOD BREAKAWAY POST	\$ 16.25	\$ 17.55
6" X 8" X 6'-0" CRT SOUTHERN PINE WOOD POST	\$ 24.50	\$ 26.50
6" X 8" X 1'-2: SOUTHER PINE WOOD BLOCKS	\$ 4.56	\$ 4.93

SKT 350 END SECTION: TEST LEVEL 3 COMPLETE (TYPE G)

FREIGHT CHARGES: SALT LAKE CITY, UT \$962.00 ANYWHERE IN UT \$1,098.00

SHIPPING POINT AND ZIP CODE: LINDON, UT 84042

SHIPPING WEIGHT: 1,670 LBS.

MODE OF TRANSPORTATION: COMPANY TRUCK

OR CONTACT DAN REISNER @ (801) 538-3216 FOR STATE FREIGHT RATES.

A. EQUIPMENT REQUIRED FOR REPAIR:

1. 9/16", 7/8", 15/16". 1 1/4, AND 1 1/2" SOCKETS AND WRENCHES.

B. DRILL WITH A 1/4" BIT

C. OTHER EQUIPMENT SUCH AS AUGERS, TAMPERS, AND POST POUNDERS
COMMONLY USED IN DRIVING POSTS.

B. REPAIR TIME: FOR COMPLETE INSTALLATION, ESTIMATED 2 HOURS.

C. NUMBER OF WORKERS REQUIRED FOR REPAIR: TWO



- D. REPAIRS TO BE STARTED WITHIN 48 HOURS OF REQUEST. MATERIALS FOR REPAIRS WILL BE AVAILABLE WITHIN 48 HOURS OF REQUEST.
- E. ACTUAL REPAIR COST TO THE STATE: \$1,600.00

TYPE H END SECTION - FLEAT 350 END SECTIONS**PARTS LIST**

DESCRIPTION	FOB LINDON, UT /SLC, UT	FOB ANYWHERE IN UTAH
3/4" X 6'-6" REST CABLE 2 STUDS	\$ 27.77	\$ 30.00
2" PIPE X 5 1/2" CABLE SLEEVE	\$ 1.14	\$ 1.23
2 1/2" X 2 1/2" X 5'-7" 1/4" T.S. STRUT AND YOKE	\$ 13.75	\$ 14.85
5/8" X 8" X 8" BEARING PLATE W/ 1 1/16" OFFSET HOLE	\$ 10.34	\$ 11.17
8" X 6" X 3/16" X 6'-0" SOIL TUBE	\$ 55.09	\$ 59.50
FLEAT 350 IMPACT HEAD	\$ 387.50	\$ 418.50
1/4" SLOTTED CABLE BRACKET	\$ 35.00	\$ 37.80
5/8" x 1 1/4" GUARDRAIL BOLT	\$.16	\$.18
5/8" X 10" GUARDRAIL BOLT	\$.61	\$.66
5/8" X 18" GUARDRAIL BOLT	\$.94	\$ 1.02
5/8" GUARDRAIL NUT	\$.21	\$.23
1/2" A325 FLAT WASHER	\$.05	\$.06
1/2" A325 NUT	\$.13	\$.15
1" A325 NUT	\$.38	\$.42
5/8" USS FLAT WASHER	\$.08	\$.10
5/8" A325 FLAT WASHER	\$.13	\$.15
1" A325 FLAT WASHER	\$.20	\$.22
5/8" X 7 1/2" A307 HEX BOLT	\$.54	\$.58
5/8" X 10" A307 HEX BOLT	\$.79	\$.85



3/8" X 3" LAG SCREW	\$.13	\$.15
1/2" X 1 1/4" A325 SPECIAL SHOULDER BOLT – 8 EA PER SET	\$ 1.70	\$ 1.90
12/12'-6"/6'-3" STD PANEL	\$ 30.88	\$ 33.35
12/12'-6"/4'-2"	\$ 32.13	\$ 34.70
12/12'-6"/6'-3" SKT 350 ANCHOR PANEL	\$ 35.88	\$ 38.75
5 1/2" X 7 1/2" X 3'-9" SOUTHERN PINE WOOD BREAKAWAY POST	\$ 16.25	\$ 17.55
6" X 8" X 6'-0" CRT SOUTHERN PINE WOOD POST	\$ 24.50	\$ 26.50
6" X 8" X 1'-2" SOUTHER PINE WOOD BLOCKS	\$ 4.56	\$ 4.93

FLEAT 350 END SECTION TEST LEVEL 3 COMPLETE (TYPE H)

FREIGHT CHARGES: SALT LAKE CITY, UT: \$795.00 ANYWHERE IN UT: \$880.00

SHIPPING POINT AND ZIP CODE: LINDON, UT 84042

SHIPPING WEIGHT: 1,411 LBS.

MODE OF TRANSPORTATION: COMPANY TRUCK

FLEAT 350 END SECTION TEST LEVEL 2 COMPLETE (TYPE H)

FREIGHT CHARGES: SALT LAKE CITY, UT: \$715.00 ANYWHERE IN UT: \$790.00

SHIPPING POINT AND ZIP CODE: LINDON, UT 84042

SHIPPING WEIGHT: 1,075 LBS.

MODE OF TRANSPORTATION: COMPANY TRUCK

OR CONTACT DAN REISNER AT (801) 538-3216 FOR STATE FREIGHT RATES.

A. EQUIPMENT REQUIRED FOR REPAIR:

1. 9/16", 7/8", 15/16". 1 1/4, AND 1 1/2" SOCKETS AND WRENCHES.

B. DRILL WITH A 1/4" BIT

C. OTHER EQUIPMENT SUCH AS AUGERS, TAMPERS, AND POST POUNDERS
COMMONLY USED IN DRIVING POSTS.

B. REPAIR TIME: FOR COMPLETE INSTALLATION, ESTIMATED 2 HOURS.

C. NUMBER OF WORKERS REQUIRED FOR REPAIR: TWO

D. REPAIRS TO BE STARTED WITHIN 48 HOURS OF REQUEST. MATERIALS FOR REPAIRS WILL



BE AVAILABLE WITHIN 48 HOURS OF REQUEST.

E. ACTUAL REPAIR COST TO THE STATE: \$1,400.00

FINET COMMODITY CODE(S): FOR AGENCY USE ONLY

55043000000 - SAFETY BARRIERS, TRAFFIC, STATIONARY: ENERGY ABSORPTION
SYSTEMS, IMPACT ATTENUATORS (CRASH BARRIERS), ETC.

REPORTS:

THE CONTRACTOR WILL SUBMIT YEARLY REPORTS TO THE STATE PURCHASING
AGENT (DEBBIE GUNDERSEN) SHOWING QUANTITIES AND DOLLAR VOLUME OF
PURCHASES BY EACH AGENCY AND POLITICAL SUBDIVISION. THIS REPORT
WILL BE DUE 07/01/2001.